ABSTRACT

A method for dynamically allocating MCU resources during a multipoint network event such as a conference call. The method determines the number of MCU resources to allocate for the start of the multipoint network event and then at each of a plurality of modeling intervals during the multipoint event adjusts the number of allocated MCU resources based upon actual inbound users. Self-tuning of the allocation of MCU resources for multipoint events occurs in advance of use by providing a look ahead allocation of resources based on what is likely to be needed in the future for a conferencing event. The number of multipoint events occurring within a tuning interval are counted. The number of MCU resources actually utilized during each multipoint event are accumulated and then a probability value is determined for future use of MCU resources for an upcoming multipoint event.

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